

What is claimed is:

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1. A single dip adhesive composition comprising: from about 2 - 12 wt. % epoxy, and resorcinol formaldehyde latex, based on a dry weight basis.
2. The composition of claim 1, wherein said resorcinol formaldehyde latex has a formaldehyde to resorcinol mol ratio of from about 1.2 to 2.
3. The composition of claim 2, wherein said resorcinol formaldehyde latex has a latex to resorcinol-formaldehyde ratio of about 4.25 - 4.75 wt. % based on a dry weight basis.
4. The composition of claim 1, wherein said epoxy is a cresol-novolac epoxy.
5. The composition of claim 1, wherein said epoxy is a sorbitol epoxy.
6. The composition of claim 1, wherein said epoxy is in a range of about 3 - 8 wt. % on a dry weight basis.
7. The composition of claim 1, wherein said epoxy is in a range of about 4 - 5 wt. % on a dry weight basis.
8. The composition of claim 1, further comprising from about 2 - 12 wt. % isocyanate, based on a dry weight basis.
9. The composition of claim 8, wherein said isocyanate is in a range of about 3 - 8 wt. % on a dry weight basis.

10. The composition of claim 8, wherein said isocyanate is in a range of about 3 – 5 wt. % on a dry weight basis.

11. The composition of claim 7, further comprising isocyanate in a range of about 3 – 5 wt. % on a dry weight basis.

12. An adhesive coated polyester cord comprising: a treated polyester cord, said polyester cord having a single adhesive coating containing from about 2 – 12 wt. % epoxy, and resorcinol formaldehyde latex, based on a dried coating weight basis.

13. The coated polyester cord of claim 12, wherein said resorcinol formaldehyde latex has a formaldehyde to resorcinol mol ratio of from about 1.2 to 2.

14. The coated polyester cord of claim 13, wherein said resorcinol formaldehyde latex has a latex to resorcinol-formaldehyde ratio of about 4.25 – 4.75 wt. % based on a dry weight basis.

15. The coated polyester cord of claim 12, said single coating further comprising from about 2 – 12 wt. % isocyanate, based on a dry weight basis.

16. The coated polyester cord of claim 12, wherein said epoxy is in a range of about 4 – 5 wt. % and said single coating is present on said cord in a range of about 2 – 7 wt. % based on the weight of said cord.

17. The coated polyester cord of claim 12, wherein said single coating is present on said cord in a range of about 2 – 7 wt. % based on the weight of said cord.

18. A rubber composite comprising: a cured rubber, a treated polyester cord embedded in said rubber, said cord having a coating uniformly containing about 2 – 12 wt. % epoxy, and

resorcinol formaldehyde latex, based on a dried coating weight basis.

19. The rubber composite of claim 18, wherein said resorcinol formaldehyde latex has a formaldehyde to resorcinol mol ratio of from about 1.2 to 2.

20. The rubber composite of claim 19, wherein said resorcinol formaldehyde latex has a latex to resorcinol-formaldehyde ratio of about 4.25 – 4.75 wt. % based on a dry weight basis.

21. The rubber composite of claim 20, said single coating further comprising from about 2 – 12 wt. % isocyanate, based on a dry ~~weight~~ basis.

22. The rubber composite of claim 18, wherein said epoxy is in a range of about 4 – 5 wt. % and said single coating is present on said cord in a range of about 2 – 7 wt. % based on the weight of said cord.

23. The rubber composite of claim 18, wherein said single coating is present on said cord in a range of about 2 – 7 wt. % based on the weight of said cord.

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